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**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

APPLICATION SERIAL NO.: 09/929,979

GROUP ART UNIT: 2684

APPLICANTS: Noah J. Ternullo et al.

EXAMINER: Nay Aung Maung

FILING DATE: August 15, 2001

CONFIRMATION NO.: 2164

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
AS	4,975,926	12/04/90	Knapp	375/1	
	5,260,936	11/09/93	Bardet et al.	370/61	
	5,307,349	04/26/94	Shloss et al.	370/85.2	
	5,663,952	09/02/97	Gentry, Jr.	370/252	
	5,758,087	05/26/98	Aaker et al.	395/200.62	
	5,815,516	09/29/98	Aaker et al.	371/53	
AS	5,898,713	04/27/99	Melzer et al.	371/53	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSLATION YES NO
AS	EP 0552861 A2	07/28/93	American Telephone & Telegraph Co.	H03M 13/00	No

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, etc.)

AS	Postel, J. (Ed.) (Sept. 1981) "Transmission Control Protocol: Darpa Internet Program Protocol Specification." Prepared for Defense Advanced Research Projects Agency, Information Processing Techniques Office by Information Sciences Institute, University of Southern California, pp. i-85.
AS	Braden, R. et al. (Sept. 1988) "Computing the Internet Checksum." Braden, Borman & Partridge memo, pp. 1-24.

**EXAMINER***Alan Gault***DATE CONSIDERED***9/15/04*

**FORM PTO-1449**  
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APPLICATION SERIAL NO.: 09/929,979

GROUP ART UNIT: 2685

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EXAMINER: Meless Zewdu

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**U.S. PATENT DOCKETS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB- CLASS	FILING DATE IF APPROPRIATE
<i>MS</i>	6,108,703	8/22/2000*	Leighton et al.	709/226	5/19/1999
	6,085,030	7/4/2000*	Whitehead et al.	395/200.33	5/2/1997
	6,064,502	5/16/2000*	Burns et al.	359/152	8/25/1997
	6,061,057	5/9/2000*	Knowlton et al.	345/335	2/11/1999
	6,044,403	3/28/2000*	Gerszberg et al.	709/225	12/31/1997
	6,009,441	12/28/1999*	Mathieu et al.	707/516	9/3/1996
	5,969,678	10/19/1999*	Stewart	342/457	11/4/1998
	5,966,225	10/12/1999*	Taglione et al.	359/152	11/12/1996
	6,092,120	7/18/2000*	Swaminathan et al.	709/247	6/26/1998
	5,986,787	11/16/1999*	Ohshima et al.	359/159	3/14/1997
	5,946,697	8/31/1999*	Shen	707/104	4/22/1997
	5,898,836	4/27/1999	Freivald et al.	395/200.48	
	5,897,622	4/27/1999	Blinn et al.	705/26	
	5,884,215	3/16/1999	Birchler et al.	701/207	
	5,878,218	3/2/1999	Maddalozzo, Jr. et al.	395/200.43	
	5,857,201	1/5/1999	Wright, Jr. et al.	707/104	
	5,832,296	11/3/1998	Wang et al.	395/823	
	5,790,605	8/4/1998	Helm et al.	375/347	
	5,790,295	8/4/1998	Devon	359/189	
	5,546,211	8/13/1996	Devon	359/154	
	6,292,283B1	9/18/2001*	Grandbois	359/143	7/17/1998
	6,278,499B1	8/21/2001*	Darbee et al.	348/734	7/6/1999
	6,098,188	8/1/2000*	Kalmanek, Jr. et al.	714/746	6/30/1995
	6,078,806	6/20/2000*	Heinonen et al.	455/406	5/8/1998
	6,026,088	2/15/2000*	Rostoker et al.	370/395	3/28/1995
	5,852,664	12/22/1998	Iverson et al.	380/25	
	5,845,282	12/1/1998	Alley et al.	707/10	
	5,831,664	11/3/1998	Wharton et al.	348/13	
	5,646,608	7/8/1997	Shintani	340/825.52	
	5,420,572	5/30/1995	Dolin, Jr. et al.	340/825.22	
	5,410,326	4/25/1995	Goldstein	348/134	
<i>MS</i>	5,982,520	11/9/1999	Weiser et al.	359/172	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB- CLASS	TRANSLATION YES NO
BB	PCT/US01/25593	8/15/2001	Lockheed Martin Corporation		No
PS	WO 02/15438 A1	2/21/2002	Lockheed Martin Corporation		No

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages, etc.)

	Noah J. Ternullo et al., US Patent Application S/N: 09/930,421 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR INFRARED DATA COMMUNICATION (Attorney Docket No. 12078-139).
	Noah J. Ternullo et al., US Patent Application S/N: 09/930,004 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR RELIABLE UNIDIRECTIONAL COMMUNICATION IN A DATA NETWORK (Attorney Docket No. 12078-140).
	Noah J. Ternullo et al., US Patent Application S/N: 09/929,995 filed 8/15/2001 Entitled METHOD AND APPARATUS FOR DELIVERING SERVICES IN A CONSTRAINED ENVIRONMENT (Attorney Docket No. 12078-142).
	Noah J. Ternullo et al., US Provisional Patent Application S/N: 60/225,349 filed 8/15/2000 Entitled InfoFlo: A COMMONICATION INFRASTRUCTURE FOR PUSHING CONTEXT TO A MOBILE PDA.
	John Cox, "WideRay Beams Data to Handhelds", Network World, May 27, 2002; pages 15 and 18.*

\* If any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of Applicants' swearing back or other priority determination.

**EXAMINER***Alan Gant***DATE CONSIDERED***09/15/04*